

ABSTRACT

A packet communication apparatus and a transmit power control method for achieving battery saving without increasing extra interference in other communication stations. A transmit power information extracting section 106 extracts a transmit power instruction information from a received signal, and outputs the instruction information to counter 1071 in a transmit power control section 107. According to the transmit power instruction information, the transmit power control section 107 provides an instruction for increasing or decreasing transmit power to a radio transmission section 109, while when the section 107 receives the instruction information for increasing the power a predetermined number of times successively, storing the transmit power information in memory 1073 without increasing the transmit power of transmission units in a packet after receiving the information a predetermined number of times, and reflecting the transmit power information collectively at the time of starting transmitting a next packet.